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Datasheet for ABIN7170384  
**anti-SNX27 antibody (AA 458-497) (HRP)**

### Overview

Quantity:	100 µg
Target:	SNX27
Binding Specificity:	AA 458-497
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX27 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Sorting nexin-27 protein (458-497AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SNX27
Alternative Name:	SNX27 ( <a href="#">SNX27 Products</a> )
Background:	Background: Involved in the retrograde transport from endosome to plasma membrane, a trafficking pathway that promotes the recycling of internalized transmembrane proteins.

## Target Details

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Following internalization, endocytosed transmembrane proteins are delivered to early endosomes and recycled to the plasma membrane instead of being degraded in lysosomes. SNX27 specifically binds and directs sorting of a subset of transmembrane proteins containing a PDZ-binding motif at the C-terminus: following interaction with target transmembrane proteins, associates with the retromer complex, preventing entry into the lysosomal pathway, and promotes retromer-tubule based plasma membrane recycling. SNX27 also binds with the WASH complex. Interacts with membranes containing phosphatidylinositol-3-phosphate (PtdIns(3P)). May participate in establishment of natural killer cell polarity. Recruits CYTIP to early endosomes.

Aliases: KIAA0488 antibody, Methamphetamine responsive transcript 1 antibody, MGC126871 antibody, MGC126873 antibody, MGC20471 antibody, MRT1 antibody, MY014 antibody, OTTHUMP00000042487 antibody, RP11-98D18.12 antibody, SNX27 antibody, SNX27\_HUMAN antibody, Sorting nexin family member 27 antibody, Sorting nexin-27 antibody

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UniProt: [Q96L92](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.